|                    | index of Claims              |                 |                 |           |          |           |              |           |             |            |            |         |          |                         |          |          |             |              |      |       |            |            |          | Reexamination |                  |          |          |         |         |  |  |
|--------------------|------------------------------|-----------------|-----------------|-----------|----------|-----------|--------------|-----------|-------------|------------|------------|---------|----------|-------------------------|----------|----------|-------------|--------------|------|-------|------------|------------|----------|---------------|------------------|----------|----------|---------|---------|--|--|
|                    |                              |                 |                 |           |          |           |              |           |             |            |            |         | 1        | 10/600,781              |          |          |             |              |      |       |            |            |          |               | WYATT, PHILIP J. |          |          |         |         |  |  |
|                    |                              |                 |                 |           |          |           |              |           |             |            |            |         |          | Examiner  Jyoti Nagpaul |          |          |             |              |      |       |            |            |          | Art Unit      |                  |          |          |         |         |  |  |
|                    |                              |                 |                 |           |          |           |              |           |             |            |            |         |          |                         |          |          |             |              |      |       |            |            |          |               |                  |          |          |         |         |  |  |
| Jy                 |                              |                 |                 |           |          |           |              |           |             |            |            |         |          | yot                     | i Na     | agr      | aul         |              |      |       |            | 1743       |          |               |                  |          |          |         |         |  |  |
|                    | _                            |                 |                 |           | _        |           | _            |           |             |            |            |         |          |                         |          |          |             |              |      |       |            |            |          |               |                  |          | _        |         |         |  |  |
|                    | √ Rejected _ (Through numera |                 |                 |           |          |           |              |           |             |            |            |         |          |                         |          |          | No          | n-F          | lect | hat   |            |            |          | Δn            | nea              |          |          |         |         |  |  |
|                    | ,                            |                 |                 |           |          |           |              | Cancelled |             |            |            |         |          |                         |          | N        | Non-Elected |              |      | ieu   |            | <b> </b> A | Appeal   |               |                  |          |          |         |         |  |  |
|                    | = Allowed                    |                 |                 |           |          |           | Γ            | ÷         |             | 5-4:-4-1   |            |         |          |                         | lſ       | 1        |             |              |      |       |            |            |          |               |                  |          |          |         |         |  |  |
|                    | -  Allowed                   |                 |                 |           |          |           |              |           |             | Restricted |            |         |          |                         |          |          |             | erre         | ren  | ence  |            | 0          | Objected |               |                  | ł        |          |         |         |  |  |
|                    | L                            |                 |                 |           |          |           | L            |           |             |            |            |         |          |                         |          |          |             |              |      |       | ш          |            |          |               |                  |          |          |         |         |  |  |
| Claim              |                              |                 |                 | _[        | Date     |           |              |           | Claim       |            |            |         |          | Date                    |          |          |             |              |      | aim   |            |            |          | Date          |                  |          |          | ]       |         |  |  |
| _ -                | <u> </u>                     |                 |                 |           |          |           |              |           | _           | .          | <u>_</u>   |         |          |                         |          |          |             |              |      |       | aj         |            |          |               |                  |          |          |         |         |  |  |
| Final              | O G                          |                 |                 |           |          |           |              |           |             |            | Original   |         |          |                         |          |          |             |              |      | Final | Original   |            |          |               |                  |          |          |         |         |  |  |
| " 3                | 5                            |                 |                 |           |          |           | - 1          | į         | "           | -          | ŏ          | .       |          |                         |          |          |             |              |      | ш.    | ō          |            |          |               |                  |          |          |         |         |  |  |
|                    | 1 1/2                        |                 |                 |           | 1        | 7         | $\dashv$     | $\top$    | 1           | +          | 51         | ┰       | 1        | П                       | Ħ        | $\dashv$ | _           | †            | 1 1  |       | 101        | $\vdash$   | +        | ╁             | Н                |          | 十        | +       | 1       |  |  |
|                    |                              |                 |                 |           |          |           | $\Box$       |           | 1 🗆         |            | 52         |         |          |                         |          |          |             |              | 1    |       | 102        |            | 土        |               |                  |          |          | 上       | j       |  |  |
|                    |                              |                 | Ш               | _         |          | _         | _            |           | ↓ <u>├</u>  |            | 53         | _       | _        | 1                       | $\sqcup$ | $\perp$  | _           | 1            | ] ]  |       | 103        | Ш          | $\perp$  | _             | $\sqcup$         |          |          | 1       | ]       |  |  |
| 4                  |                              | $\vdash$        | Н               | -         | $\dashv$ | $\dashv$  | $\dashv$     | -         | ┨┝          |            | 54<br>55   | +       | +        | Н                       | $\dashv$ | _        | +           | +-           | { }  |       | 104<br>105 | $\vdash$   | +        | ┼             | -                | $\dashv$ | $\dashv$ |         | 4       |  |  |
|                    |                              | Н               | H               |           | $\dashv$ | $\dashv$  | $\dashv$     |           | ┨           |            | 56         | +       | +        | $\vdash$                | $\dashv$ | +        | ╁           | <del>ا</del> | 1    |       | 105        | $\vdash$   | - -      | +-            | $\vdash$         | $\dashv$ | -        | ╁       | 4       |  |  |
| <del>       </del> |                              | Н               | $\vdash$        | _         |          | $\neg$    | 十            | +-        | 1  -        |            | 57         | +       | ╁        | $\vdash$                | $\vdash$ | +        | 十           | +            | 1 1  | -     | 107        | 1          | +        | +             | $\vdash$         |          | $\dashv$ | +       | †       |  |  |
|                    |                              |                 |                 |           |          |           |              |           |             |            | 58         |         |          |                         |          |          |             |              | 1 [  |       | 108        |            |          |               |                  |          |          |         | 1       |  |  |
| 9                  |                              | Ш               | Ш               | _         | $\Box$   | _         | _            | _         | <b>∤</b>    | 4          | 59         | $\perp$ | 丄        | Ш                       | Щ        | 4        |             | 4_           | ] [  |       | 109        |            |          |               |                  |          |          |         | ]       |  |  |
| 1                  |                              | Н               | H               | -         | $\dashv$ | -+        | +            | - -       | ┤├          |            | 60<br>61   |         | +        | $\vdash$                | $\dashv$ | +        | +           | ╄            | ┨╏   |       | 110<br>111 | $\dashv$   | +        | +             | -                |          | _        | +       | 4       |  |  |
| 1                  |                              | H               | $\vdash$        |           | $\dashv$ | +         | $\dashv$     |           | ┧┝          |            | 62         | +       | ╁        | Н                       | $\dashv$ | $\dashv$ | ┿           | +            | ┨    |       | 112        | $\dashv$   |          | ┿             | $\vdash$         | $\dashv$ | +        | +       | -       |  |  |
| 1                  | 3 1                          | П               | H               | T         | +        | 十         | 十            | $\top$    | 1  -        |            | 63         | +       | +        | $\vdash$                |          | 十        | +           | +            | 1 1  |       | 113        | $\vdash$   | +        | +             | Н                |          | $\dashv$ | +       | 1       |  |  |
| 1                  | 4 N                          |                 |                 |           |          |           |              |           |             |            | 64         |         |          |                         |          | 1        | 工           |              | ] [  |       | 114        |            |          | İ             |                  |          |          |         | 1       |  |  |
| 1                  |                              |                 |                 |           |          | _         | 4            |           |             |            | 65         |         |          | Ш                       |          | $\perp$  | Ŀ           | 1            | ] [  |       | 115        |            | $\perp$  | $\perp$       |                  |          | _        |         | ]       |  |  |
| 1                  | 6 /<br>7 /                   |                 | $\vdash \vdash$ | $\dashv$  | $\dashv$ |           | +            | +         | <b> </b>    |            | 66<br>67   | +-      | +        | $\vdash$                |          | -        | +           | +            |      |       | 116<br>117 | $\vdash$   |          | ╀             | $\vdash$         |          |          | +       | 4       |  |  |
| 1                  |                              | Н               | $\vdash$        | -         | $\dashv$ | -         | $\dashv$     | +         | ┨┝          |            | 57<br>58   | ╁       | ╁        | -                       |          | -+       | +           | +-           | ┨    |       | 118        | $\dashv$   | +        | ╫             | Н                | $\dashv$ | +        | +       | 4       |  |  |
| 1                  |                              | П               | H               |           | $\dashv$ | 一         | 7            | +         | 1  -        |            | 59         | +       | +-       | М                       |          | $\dashv$ | ╅           | +            | 1 1  |       | 119        | Ħ          | $\dashv$ | +             |                  | $\dashv$ | $\dashv$ | +       | 1       |  |  |
| 2                  | 0                            |                 |                 |           |          |           |              |           |             | 7          | 70         |         |          |                         |          |          |             |              | ] [  |       | 120        |            |          |               |                  |          |          |         | ]       |  |  |
| 2                  | 1 7                          |                 |                 |           |          | _         | _            | _ _       | l L         | L.         | 71         | $\perp$ |          |                         |          |          |             | <u> </u>     | ] [  |       | 121        | Ш          |          |               |                  |          | $\Box$   | $\perp$ | _]      |  |  |
| 2                  |                              | -               | $\dashv$        | $\dashv$  | -        | $\dashv$  | $\dashv$     | -         | <b>∤</b>    |            | 72<br>73 . | +       | +-       |                         | $\dashv$ | +        |             | +-           |      |       | 122        | $\vdash$   | +        | +             | $\vdash$         | -        | -        | +       | 4       |  |  |
| 2                  |                              | Н               | $\dashv$        | $\dashv$  | $\dashv$ | $\dashv$  | <del>-</del> |           | {           | +          | 74 .       | +       | ╁        | -                       | +        | +        | ╬           | +            | 1 }  |       | 123<br>124 | $\dashv$   | +        | +             | Н                | $\dashv$ |          | +       | 4       |  |  |
| 2                  |                              | l.              | H               | $\exists$ |          | 1         | 1            | $\top$    | 1  -        |            | 75         | +       | $\top$   | Н                       |          | $\dashv$ | 十           | +            | 1    |       | 125        |            | +        | +             | <del> </del> ∵   | $\dashv$ | $\dashv$ | +       | †       |  |  |
| 2                  | 6                            |                 |                 |           |          |           |              |           |             | Π.         | 76         |         |          |                         |          |          |             |              | ] [  |       | 126        |            |          |               |                  |          |          |         | j       |  |  |
| . 2                |                              | Ш               |                 | _         | _        | _         | _            |           |             |            | 77         | _       |          | Ш                       |          | $\perp$  | $\bot$      | 1_           | ] ]  |       | 127        |            | _        | 1             | Ш                |          | $\Box$   |         | ]       |  |  |
| 2                  | 8                            | $\vdash$        | $\vdash$        | -         | $\dashv$ | -         | -+           | -         | <b>│</b>    | - -        | 78  <br>79 | +-      | +-       | $\vdash$                |          | +        | - -         | +            | ┨    |       | 128<br>129 | $\dashv$   | 4        | +             | $\vdash$         | $\dashv$ | $\dashv$ | +-      | 4       |  |  |
| 3                  |                              | Н               | $\vdash$        | -         | $\dashv$ | $\dashv$  | ┽            | +         | <b>I</b> ├─ |            | 30         | ╁       | ╁        | Н                       | $\dashv$ | +        | +           | +            | ┨    |       | 130        | $\dashv$   | -        | +             | Н                | $\dashv$ | +        | ╁       | 4       |  |  |
| 3                  |                              | Н               | H               |           | $\neg$   | $\dashv$  | $\dashv$     | $\top$    |             |            | 31         | +       | t        | Н                       |          | $\dashv$ | +           | +            | 1 1  |       | 131        | $\vdash$   | +        | +             | Н                | $\neg$   | +        | +       | 1       |  |  |
| 3                  |                              |                 |                 |           |          |           |              |           | 1 🗆         | 1          | 32         |         |          |                         |          |          |             |              | ] [  |       | 132        |            |          |               |                  |          |          |         |         |  |  |
| 3                  |                              | Ш               |                 |           | $\dashv$ | $\perp$   | 4            |           | <u> </u>    |            | 33         | $\perp$ | 1_       |                         |          | $\perp$  | 1           | $\bot$       | ] [  |       | 133        |            |          | $\perp$       |                  |          | $\Box$   | $\perp$ | ]       |  |  |
| 3                  |                              |                 |                 | 4         | -        | 4         | -            | _         |             | -13        | 34<br>35   | +       | ╄        | $\vdash$                | _        | -        | - -         | ┼-           |      |       | 134<br>135 | $\dashv$   |          | +             | Н                | _        | -        | 4-      | 4       |  |  |
| 3                  |                              | $\vdash$        | $\vdash$        |           | $\dashv$ | $\dashv$  | $\dashv$     | +         | ┨┝          |            | 36         | +       | ╀        | $\vdash$                | -        | $\dashv$ | +           | ╁┈           |      |       | 136        | $\dashv$   |          | +             | $\vdash$         | $\dashv$ | +        | +       | -{      |  |  |
| 3                  |                              |                 | $\vdash$        |           | 十        | 十         | 十            | +         | 1  -        |            | 37         | 十       | 十        | Н                       |          | 十        | +           | +-           | 1 1  |       | 137        |            | ╅        | $\dagger$     |                  |          | +        | ╁       | 1       |  |  |
| 3                  | 8 .                          |                 |                 |           |          |           |              |           |             |            | 38         |         |          |                         |          |          |             |              | ] [  |       | 138        |            |          | T             |                  |          | 1        |         | <u></u> |  |  |
| 3                  |                              |                 | _               |           | $\Box$   |           | $\perp$      |           | <u> </u> _  |            | 39         | $\perp$ | ــــ     |                         |          | $\perp$  |             | $\perp$      | ] [  |       | 139        |            |          | $\perp$       |                  |          |          |         | ]       |  |  |
| 4                  |                              | $\vdash$        | $\vdash$        | $\dashv$  | -        | 4         | +            |           | <b>∤</b>    |            | 90         | +       | ╀        | $\vdash$                | $\dashv$ | +        |             | +-           | ┨    |       | 140<br>141 | Н          | +        | +             | $\vdash$         |          |          | +       | 4       |  |  |
| 4                  |                              | H               | $\vdash \vdash$ | $\dashv$  | $\dashv$ | $\dashv$  | +            | +         | -           |            | 92         | +       | +        | $\vdash$                |          | +        | - -         | ╁╌           | 1 1  |       | 142        | $\dashv$   | +        | ╁             | $\vdash$         | $\dashv$ | +        | +       | - ·     |  |  |
| 4                  |                              | H               | $\vdash$        | $\dashv$  | $\dashv$ | $\forall$ | $\dashv$     |           | -           |            | 93         | +       | T        | $\dagger \exists$       | $\dashv$ | +        | +           | +            | 1 }  |       | 143        | $\vdash$   | $\dashv$ | +             | Н                | $\dashv$ | +        | +       | 1 .     |  |  |
| 4                  | 4                            |                 |                 |           |          |           |              |           |             |            | 94         |         | oxdot    |                         |          | $\Box$   |             |              | 1 [  |       | 144        |            |          |               |                  |          | 丁        | 1       |         |  |  |
| 4                  |                              | П               | $\Box$          | $\Box$    | $\dashv$ | $\bot$    | $\perp$      | $\perp$   |             |            | 95         | I       | $\Box$   | $\Box$                  | I        | T        | $\perp$     | $\Box$       | [    |       | 145        | I          |          | L             | П                | $\Box$   | $\perp$  | T       | ]       |  |  |
| 4                  |                              | $\vdash \vdash$ |                 | -         | $\dashv$ | 4         | +            | -         |             |            | 96         | +       | $\vdash$ | $\sqcup$                | $\perp$  | +        | +           | +            | ┧┟   | -     | 146        |            | +        | +             | Н                | 4        |          | +       | -       |  |  |
| 4                  |                              | $\vdash$        | $\dashv$        | $\dashv$  | $\dashv$ | +         | +            |           | ┨┟╌         |            | 98         | +-      | ╫        | $\vdash$                | $\dashv$ | $\dashv$ | +           | +            | ┧┟   |       | 147<br>148 |            | +        | ╁             | $\vdash$         | $\dashv$ | +        | +       | -       |  |  |
| 4                  |                              | H               | +               | $\dashv$  | $\dashv$ | $\dashv$  | +            | $\top$    | 1  -        |            | 99         | 十       | $t^{-}$  |                         | $\dashv$ | +        | +           | +            | 1    | -     | 149        | $\vdash$   | +        | +             | +                | $\dashv$ | $\dashv$ | ╁       | 4       |  |  |
| 5                  |                              | $\vdash$        | $\dashv$        | ┪         |          | $\dashv$  | $\top$       | $\top$    | 1           |            | 00         | $\top$  | $t^-$    | Н                       | +        | +        | +           | T            | 1 1  | -     | 150        | $\dashv$   | _        | T             | H                | $\dashv$ | $\dashv$ | 1       | ┪ ・     |  |  |

Application/Control No.

Applicant(s)/Patent under